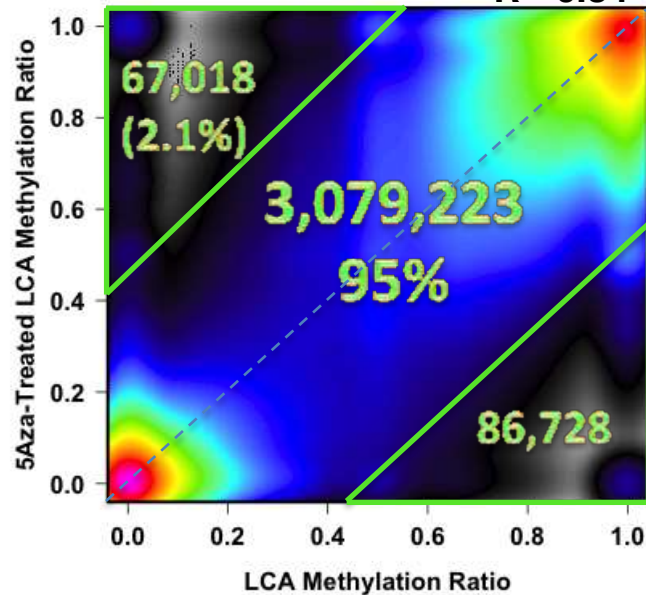


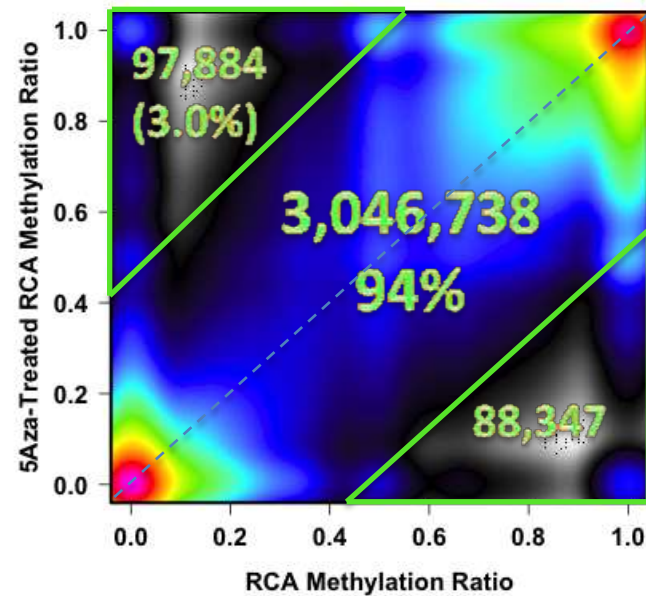
B. LCA v Aza-LCA

$R^2=0.84$



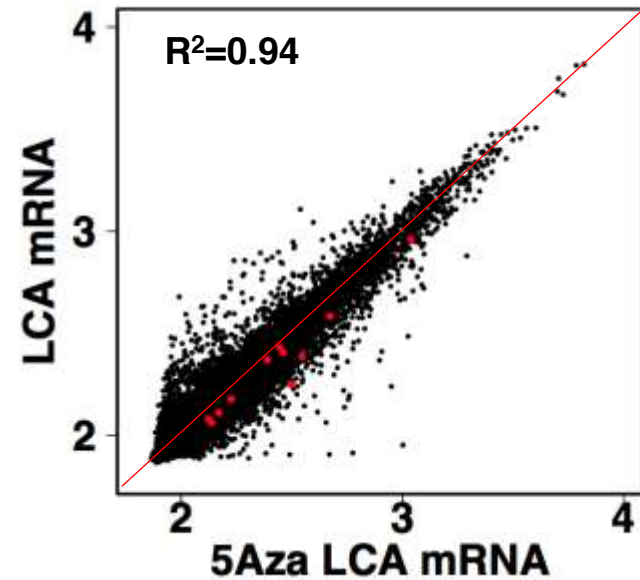
C. RCA v Aza-RCA

$R^2=0.81$



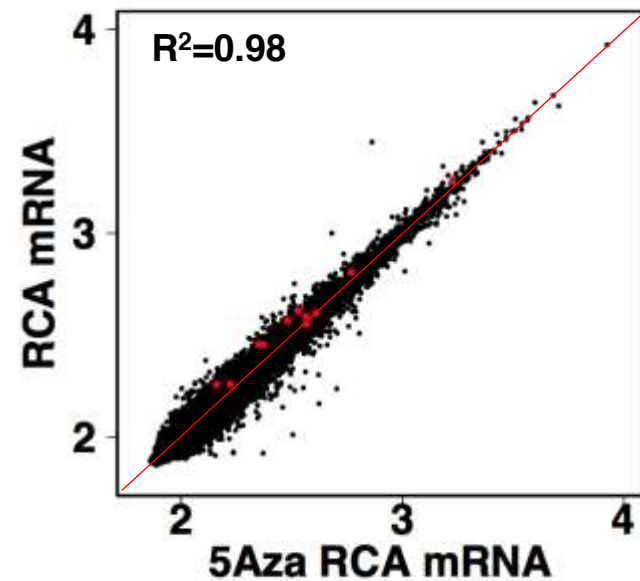
D. LCA v Aza-LCA

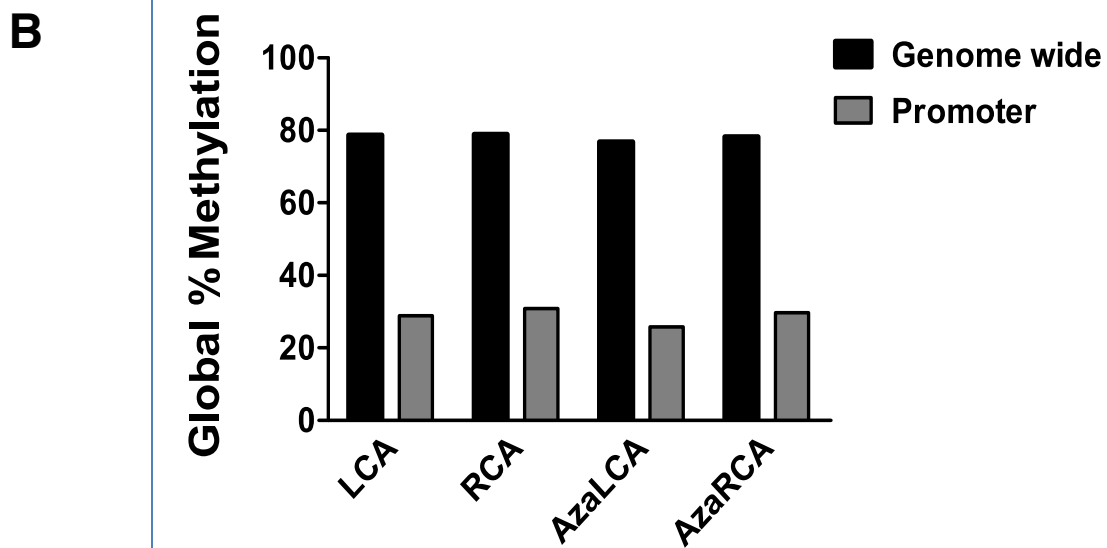
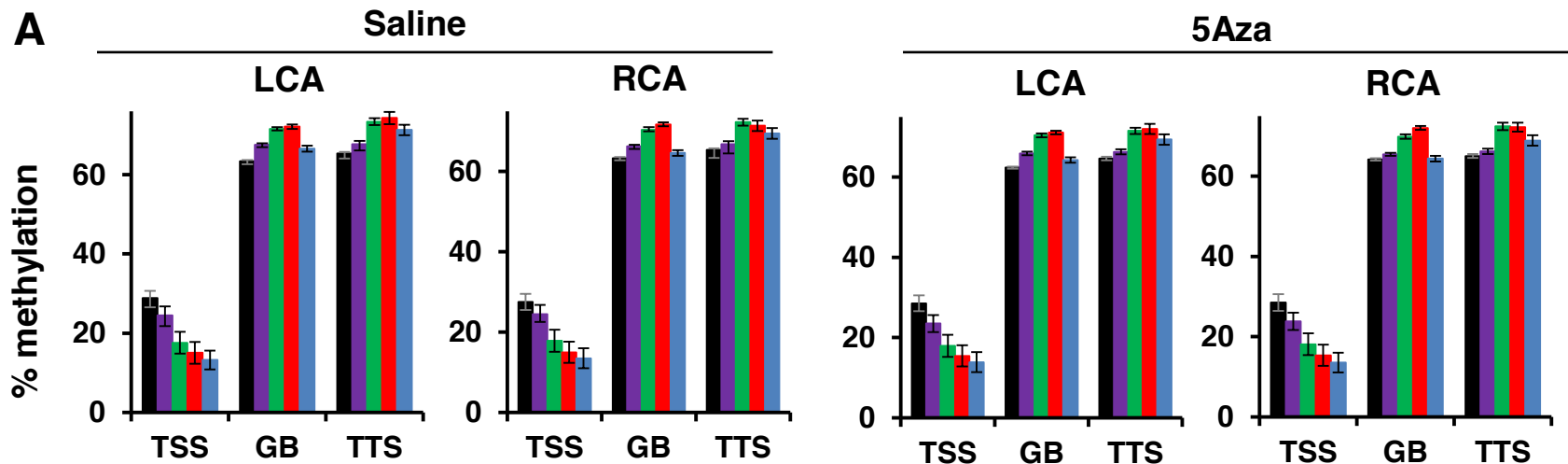
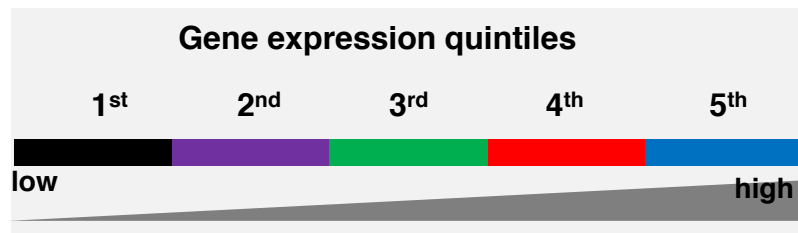
$R^2=0.94$

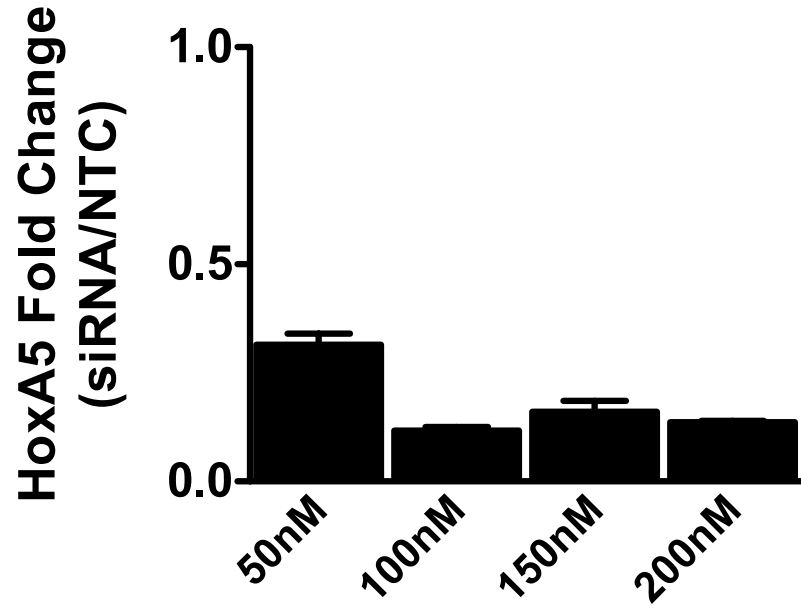
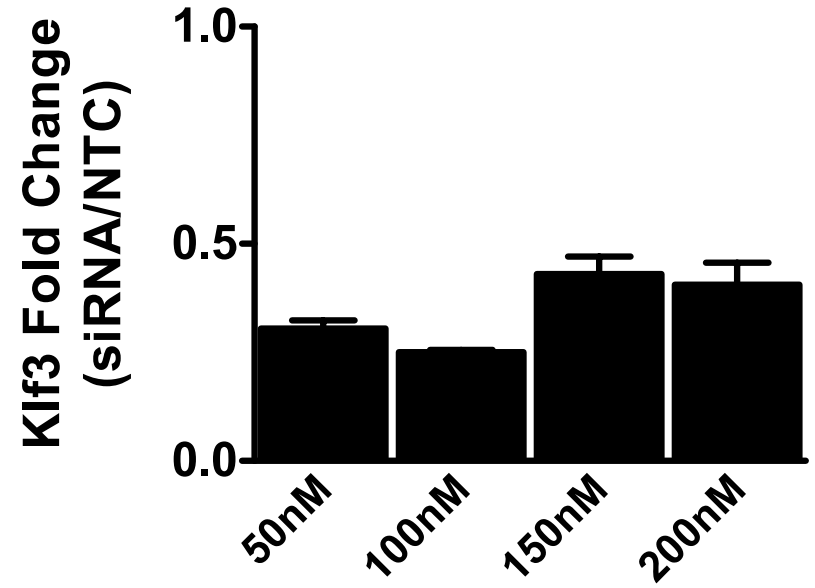


E. RCA v Aza-RCA

$R^2=0.98$





A**B**

	Dataset	Total CGs	CGs in Promoters
	Mm9 Genome Assembly	21,342,492	2,130,470
RRBS Datasets	LCA	4,923,836	1,124,726
	RCA	4,584,088	1,068,670
	Aza-LCA	5,308,692	1,156,804
	Aza-RCA	5,054,246	1,153,786
	Average	4,967,716	1,125,997

	Forward	Reverse
DNMT1 (mouse)	AAGGGGGCCCTGACCGCTTC	CCGAAATGCCTGGGCTGCCG
DNMT1 (human)	TGCCAGCTGAGCGTGGTGGT	GCATGCGGGCAGCCACCAAT
DNMT3a (mouse)	GAGGGAAGCTGAGACCCAC	CTGGAAGGTGAGTCTTGGCA
DNMT3b (mouse)	CGCACAACCAATGACTCTGCTG	GGTGACTTCAGAAGCCATCCGT
HoxA5 (mouse)	CGCAAGCTGCACATTAGTCACG	GAGAGGCAAAGGGCATGAGCTA
HoxA5 (human)	GCGCAAGCTGCACATAAG	CGGTTGAAGTGGAACCTCTT
Klf3 (mouse)	CCTCTCATGGTTTCCTTGTCGG	CCTCTGTGGTTCAATTCCAGGC
Klf3 (human)	CTCATGGTCTCCTTATCGGAGG	TGTCCTCTGTGGTTCGATCCCA
HoxA5 BS-Seq (mouse)	GAATTGAGGTTATAGTTTATTATGGTAAAA	AATTATTATAAATAATTCTAAATCACCACC